

PUTINTSEVA, T.G.

Liberation of a physiologically active substance by the ventricle  
of the frog heart in response to the action of adrenaline. *Fiziol.*  
zhur. 47 no.8:1056-1061 Ag '61. (MIRA 14:8)

1. From the Laboratory of General and Comparative Physiology  
A.N.Severtsov Institute of Animal Morphology, Moscow  
(HEART) (ADRENALINE)

POTINTSEVA, T. G. (USSR)

"Isolation of Cardial Stimulants from Frog Heart after  
Application of Acetylcholine, Adrenaline and  
Noradrenaline."

Report presented at the 5th International Biochemistry Congress,  
Moscow, 10-16 August 1961

PUTINTSEVA, T.G., NISTRATOVA, S.N.

"Protein nature of the acetylcholine receptor and the role of macroergs  
in the realization of acetylcholine action."

Report submitted for the 1st Intl. Pharmacology Meeting  
Stockholm, Sweden 22-25 Aug 1961.

PUTINTSEVA, T.G.

Mechanism of the formation of the x factor during the action of acetylcholine on the frog heart. Fiziol. zhur. SSSR 46 no. 9:1064-1070 S '60. (MIRA 13:10)

1. From the Laboratory of General and Comparative Physiology, Severtsov Institute of Animal Morphology, Moscow.  
(ACETYLCHOLINE) (NERVES, CARDIAC)

VESELOVSKIY, N.V.; ALEKSEYEV, A.P.; GONCHAROVA, V.D.; PUTINTSEVA, V.S.;  
POLOZHENTSEV, I.F.

Isotopic composition of sulfur in sulfate ions of some continental  
surface waters. Gidrokhim. mat. 38:62-76 '64.

(MIRA 18:4)

1. Gidrokhimicheskiy institut AN SSSR, Novocheerkassk.

AL'TOVA, O.; MAYOROVA, V., tkachikha; PUTINTSEVA, Ye., uchetchitsa;  
VORONINA, A., tkachikha; BOROVKOVA, A., tkachikha; VOROB'YEVA, A.;  
KASPERSKAYA, N.; PEREPLETCHIKOVA, V.; CHUZHAKHINA, L., tkachikha;  
KULIKOVA, M., tkachikha

That's better. Rabotnitsa. 40 no.6:21 Je '62. (MIRA 16:3)

1. Predsedatel' fabrichnogo komiteta Gorako-Pavlovskoy fabрики  
imeni Kaminskogo, Ivanovskaya oblast' (for Al'tova). 2. Gorbunovskaya  
tkatskaya fabrika Moskovskogo oblastnogo soveta narodnogo khozyaystva  
(for Mayorova, Putintseva, Voronina, Borovkova). 3. Direktor Noginskoy  
lentotkatskoy fabрики "Krasnaya lenta" (for Vorob'yeva).  
4. Predsedatel' fabrichnogo komiteta Noginskoy lentotkatskoy  
fabрики "Krasnaya lenta" (for Kasperskaya). 5. Nachal'nik  
otdela truda Noginskoy lentotkatskoy fabрики "Krasnaya lenta" (for  
Perepletchikov). 6. Noginskaya lentotkatskaya fabrika "Krasnaya  
lenta" (for Chuzhakhina, Kulikova).

(Textile industry)

PUTINTSEVA, Ye.Z.

State of the general (nonspecific) immunological reactivity  
of the organism in disorders of the cerebral circulation. Zdrav.  
Kazakh. 21 no.6:39-43 '61. (MIRA 15:2)

1. Iz kafedry nervnykh bolezney Kazakhskogo meditsinskogo instituta.  
Nauchnyy rukovoditel' temy - prof. A.P.Kasatkina.  
(IMMUNOLOGY) (CEREBROVASCULAR DISEASES)

PUTIRSZKAJA, G.V.[Putirskaya, G.V.], a kémiai tudományok kandidátusa

An account of the 2d Miller Conference. Kém tud kozl 20 no.3:  
421-422 '63.

1. Magyar Tudományos Akadémia Központi Kémiai Kutató Intézete,  
Budapest.



PUTIRSZKAJA, G.V. [Putyrskaya, G.V.]; MATUS, Lajosno

An account of our study trip to Yugoslavia. Kem tud kozl  
MTA 21 no. 4:460-465 '64.

1. Central Research Institute of Chemistry, Hungarian Academy  
of Sciences, Budapest.

POTIRSZKAJA, G.V.[Potirskaya, G.V.], a kémiai tudományok kandidátusa

An account of the 2d International Congress on the Research  
of Radiation Effects." Kem tud kozl 20 no.3:418-421 '63.

1. Magyar Tudományok Akadémia Központi Kémiai Kutató Intézete,  
Budapest.

KARAKIN, F.F.; RODICHEV, A.F.; PUTIY, G.P.; BASOV, A.P.; PYATAKOV, L.V.; RAUTSEP, A.P. [Rautsepp, A.]; BLAGONRAVOV, S.I.; GRECHIKHO, A.M.; DRUZHININ, N.N.; SHUKHMAN, D.I.; BAUSIN, A.F.; LOYKO, P.G.; CHERNAKOV, B.A.; SHORNIKOV, F.M.; SOPIN, P.F.

Remarks of the members of the Conference. Torf. prom. 37 no.5:  
22-28 '60. (MIRA 14:10)

1. Ivanovskiy gosudarstvennyy torfotrest (for Karakin). 2. Sverdlovskiy torfotrest (for Rodichev). 3. Gosplan USSR (for Putiy). 4. Leningradskiy gosudarstvennyy trest torfyanoy promyshlennosti (for Basov). 5. Moskovskiy oblastnoy sovnarkhoz (for Pyatakov). 6. Gosudarstvennyy nauchno-tekhnicheskiy komitet Estonskoy SSR (for Rautsep). 7. Gor'kovskiy sovnarkhoz (for Blagonravov). 8. Belorusskiy sovnarkhoz (for Grechikho, Shukhman). 9. Yaroslavskiy sovnarkhoz (for Druzhinin). 10. Bobruyskaya mashinno-meliorativnaya stantaliya (for Loyko). 11. Gipromestprom Gosplana RSFSR (for Chernakov). 12. Mezhholkhoznoye torfopredpriyatiye "Volosovskoye" Leningradskoy oblasti (for Shornikov). 13. Vsesoyuznyy nauchno-issledovatel'skiy institut torfyanoy promyshlennosti (for Sopin).  
(Peat industry)

AZIZOV, U.; USMANOV, Kh.U.; PUTIYEV, Yu.P.; TASHPULATOV, Yu.

Infrared absorption spectra of copolymers of cellulose grafted  
by some vinyl monomers. Khim. i fiz.-khim. prirod. i sint.  
polim. no.1:29-34 '62 (MIRA 18:1)

1. Chief correspondent AN UzSSR (for Usmanov).

PUTIYEV, Yu.P.; TASHPULATOV, Yu.T.; GAFUROV, T.G.; USMANOV, Kh.U.

Cellulose modification studied by infrared spectroscopy. Vysokom.soed.  
6 no.8:1415-1419 Ag '64. (MIRA 17:10)

1. Institut khimii polimerov AN Uzbekskoy SSR.

PUTIYEV, Yu.P.; TASHPULATOV, Yu.T.

Infrared absorption spectra of sylvan copolymers with dimethyl-  
dichlorosilane. Khim. i fiz.-khim. prirod. i sint. polim. no.1:  
149-154 '62 (MIRA 18:1)

SAPOZHNIKOVA, E.A.; PUTIYEV, Yu.P.; SULTANOV, A.S.

Polymerization of dihydropyran. Khim. i fiz.-khim. prirod. i sint.  
volim. no.1:167-171 '62 (MIRA 18:1)

ACCESSION NR: AR4015701

2/0001/02/000/022/0542/0542

SOURCE: RZh. Khimiya, Abs. 23526

AUTHOR: Putiyev, Yu. P.; Tashpulatov, Yu. T.

TITLE: Infrared absorption spectra of copolymers of sylvan Alpha-methylfuran with dimethyldichlorosilan

CITED SOURCE: Sb. Fizika i khimiya prirod. i sintetich. polimerov. Vy\*p. I. Tashkent, AN UzSSR, 1962, 149-154

TOPIC TAGS: spectroscopy, absorption spectrum, infrared absorption spectrum, polymer absorption spectrum, sylvan, Alpha-methylfuran, dimethyldichlorosilan, organosilicon polymer

ABSTRACT: The infrared absorption spectra of polysylvan and copolymers of sylvan with dimethyldichlorosilan were studied. In the copolymer spectrum, bands at  $1260\text{ cm}^{-1}$  (deformation vibrations of the Si-CH<sub>3</sub> bond) and at  $1100\text{ cm}^{-1}$  were detected, corresponding to vibrations of the Si-O bond in polydimethylsiloxan. The authors assume that, under the conditions of the reaction, hydrolysis of dimethyldichlorosilan takes place, followed by the formation of polydimethylsiloxane groups which form copolymers during the reaction with

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ACCESSION NR: AR4015701

sylvan. The individual sylvan units in the copolymer are linked with siloxan bridges. The amount of Si in the copolymer increases when the content of dimethyldichorosilan in the reaction mixture is increased (up to ~17-18%, after which it remains constant). The band at  $1260\text{ cm}^{-1}$  can be used for the quantitative determination of the Si content in the copolymer. A. Korobko.

SUB CODE: OC

DATE ACQ: 09Jan64

ENCL: 00

Card 2/2

ACCESSION NR: AR4015702

S/0081/63/000/023/0542/0542

SOURCE: RZh. Khimiya, Abs. 23828

AUTHOR: Azizov, U.; Usmanov, Kh. U.; Putiyev, Yu. P.; Tashpulatov, Yu.

TITLE: Infrared absorption spectra of grafted copolymers of cellulose with certain vinyl monomers.

CITED SOURCE: Sb. Fizika i khimiya prirod. i sintetich. polimerov. Vy\*p. I. Tashkent, AN UzSSR, 1962, 29-34

TOPIC TAGS: spectroscopy, infrared absorption spectrum, polymer, polymer absorption spectrum, grafted copolymer, cellulose, cellulose copolymer, polyvinyl, radiopolymerization

TRANSLATION: By the method of radiation initiation of mixtures of cellulose with certain vinyl monomers, grafted copolymers of cellulose with methacrylate methylmethacrylate, methacrylamide, acrylonitrile and styrene were obtained and their infrared spectra were studied. In the spectrum of copolymers with methacrylate and methylmethacrylate, an intensive band appeared at  $1730\text{ cm}^{-1}$  which corresponds to valence vibrations of a carbonyl group. At the low frequency end of the spectrum, characteristic absorption bands were obtained at  $745$  and  $837\text{ cm}^{-1}$  for the copolymer with methacrylate and at  $745$  and  $826\text{ cm}^{-1}$

Cord 1/2

ACCESSION NR: AR4015702

for the copolymer of methylmethacrylate. In the spectrum of the copolymer with methacrylamide, the intensity of absorption increased in the area of  $3300\text{ cm}^{-1}$ , the band valence vibrations of C-H shifted from  $2900$  to the area of  $2870\text{ cm}^{-1}$ , and bands appeared at  $1663\text{ cm}^{-1}$ , (vibration of C = O in the group  $\text{O} = \text{C}(\text{NH}_2)$ ,  $1600\text{ cm}^{-1}$  (deformation vibrations of  $\text{NH}_2$ ) and  $1745\text{ cm}^{-1}$  (deformation vibrations of the  $\text{CH}_3$  group in the methacrylamide). For the copolymer with acrylonitrile, a characteristic band at  $2250\text{ cm}^{-1}$  appeared (valence vibrations of the nitrile group). The bands at  $700$  and  $748\text{ cm}^{-1}$ ,  $1603\text{ cm}^{-1}$  (vibrations of the double bands of an aromatic nucleus) and  $1500\text{ cm}^{-1}$  (vibrations of the benzene ring) were the most reliable for the identification of the copolymer with styrene. The infrared spectra of the studied copolymers can be used for the qualitative evaluation of the degree of grafting.

A. Korobko

SUB CODE: OC

DATE ACQ: 09Jan64

ENCL: 00

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PUTIYEV, Yu.P.; NIKONOVICH, G.V.; TASHPULATOV, Yu.

Degree of ordering of various cellulose preparations. Uzb.khim.zhur.  
8 no.1:75-81 '64. (MIRA 17:4)

1. Institut khimii polimerov AN UzSSR.

PUTIYEV, Yu.P.; TASHPULATOV, Yu.; GAFUROV, T.; USMANOV, Kh.U.

Interaction of cellulose with some hydroxyl-containing compounds  
studied by infrared spectroscopy. Uzb.khim.zhur. 7 no.1:28-33  
'63. (MIRA 16:4)

1. Institut khimii polimerov AN UzSSR.  
(Cellulose) (Hydroxy compounds) (Spectrum, Infrared)

PUTIYEV, Yu.P.; TASHPULATOV, Yu.; GAFUROV, T.; USMANOV, Kh.U.

Interaction of cellulose with some hydroxyl-containing compounds  
studied by infrared spectroscopy. Uzb.khim.zhur. 7 no.1:28-33  
'63. (MIRA 16:4)

1. Institut khimii polimerov AN UzSSR.  
(Cellulose) (Hydroxy compounds) (Spectrum, Infrared)

GAYZLER, Ye.S.; PUTIYEVSKAYA, T.S.

Selection of anesthesia in surgery on perforating wounds of  
the thoracic and abdominal cavities. Trudy Inst. im. N.V.  
Sklif. 9:197-201 '63. (MIRA 18:6)

1. Iz gosital'noy khirurgicheskoy kliniki lechebnogo fakul'teta  
II Moskovskogo gosudarstvennogo meditsinskogo instituta imeni  
Pirogova i 5-y Moskovskoy gorodskoy klinicheskoy bol'nitsy.

ABRAMOVICH, M.V.; PUTKARADZE, A.L.

Preliminary results and further problems of the studies on the evaluation of prospective oil and gas reserves in the Azerbaijan S.S.R. Izv. AN Azerb. SSR Ser. geol.-geog. nauk i nefti no.5: 3-12 '62. (MIRA 16:6)

(Azerbaijan—Petroleum geology)  
(Azerbaijan—Gas, Natural—Geology)



PUTKARADZE, A.L.

History of the Caspian Depression in the Quaternary. Izv.AN  
Azerb.SSR.Ser.geol.-geog.nauk 1 nefti no.4:31-38 '62.  
(MIRA 16:2)  
(Caspian Depression—Geology petroleum)

BABA-ZADE, B.; PUTKARADZE, A.

"Geology of offshore oil fields in the Apsheron Archipelago" by  
V.S.Melik-Pashaev. Reviewed by B.Baba-Zade and others. Geol.  
nefti i gaza 4 no.9:60-62 S '60. (MIRA 13:8)  
(Apsheron Archipelago--Petroleum in submerged lands)  
(Melik-Pashaev, V.S.)

BAI A-ZADE, B.K.; PUTKARADZE, A.L.

Prospecting for oil and gas pools in the offshore area of the Apsheron Peninsula and the Baku Archipelago. Geol. nefti i gaza 5 no.10:47-53 O '61. (MIRA 14:9)

1. Gosudarstvennoye ob'yedineniye Azerbaydzhanskoy neftedobyvayushchey promyshlennosti.

(Apsheron Peninsula--Petroleum geology)  
(Apsheron Peninsula--Gas, Natural--Geology)  
(Baku Archipelago--Petroleum geology)  
(Baku Archipelago--Gas, Natural--Geology)

ABRAMOVICH, M. V.; FUTKARADZE, A. L.; SALAYEV, S. G.

"Methods of locating buried oil- and gasbearing structures in depression areas."

report submitted for 22nd Sess, Intl Geological Cong, New Delhi, 14-22 Dec 1964.

PUTKARADZE, A.L.; DADASHEV, F.G.

Paleogeographic situation based on data on the ejecta of mud volcanoes. Geol. nefiti i gaza 4 no. 3:17-21 Mr '60.  
(MIRA 13:12)

1. KGPR v more.

(Mud volcanoes)

(Paleogeography)

PUTEKARADZE, A.L.,

Relation between the stratigraphy and tectonics on the margin  
of the upper and middle Pliocene in the southeastern Caucasus.  
Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no. 1:29-44 '58.

(MIRA 11:12)

(Caucasus--Geology)

~~POTKARADZE A. I.~~

New data on the tectonics of the Baku Archipelago. Geol. nefti 1  
no. 6:32-41 Jo '57. (MSS 10:0)  
(Baku Archipelago—Geology, Structural)

PUTKARADZE, A. L.

On the history of the geological development of the Southern  
Caspian. Dokl. AN Azerb. SSR 11 no.1:27-32 '55.

(MIRA 8:10)

1. Predstavleno deystvitel'nym chlenom Akademii nauk Azer-  
baydzhanskoy SSR M.A.Kashkayem.  
(Caspian Sea--Geology)



PETKARADZE, N. N.

Some problems of the palaeogeography and geotectonic development  
of the Baku Archipelago in the Pliocene and Quaternary. Izv.  
AN Azerb. SSR. Ser. geol.-geog. nauk no. 5:3-12 '64.

(MIRA 18:6)

PUTKARADZE, A.L.

Brief geological sketch. Trudy GIN no. 115:9-28 '65.  
(MIRA 18:12)

SALAYEV, S.G.; G'ISEYNOV, G.A.; SOLOMONOV, B.M.; FUTKARADZE, A.L.,  
spets. red.; MUSAYEVA, E.B., red.

[Geology and oil and gas potential of the Caspian ternary  
monocline] Geology and oil and gas potential of the  
Caspian ternary monocline] Geologiya i neftegazonosnost'  
Pri Kaspiiskoi tretichnoi monoklinali. Baku, Azerneshr,  
1964. 116 p. (MIRA 17:12)

ABRAMYAN, S.L.; AKSEL'ROD, S.M.; ALEKSEYEV, F.A.; AL'TSHEL', S.A. [deceased].  
BESPALOV, D.F.; GADZHI-KASIMOV, A.S.; ZHILIN, K.A.; LISTENGARTEN, B.M.;  
ODINOKOV, V.P.; PUTKARADZE, L.A.; SHIMELEVICH, Yu.S.

Neutron-neutron pulse method for investigating wells and results of  
its use in the Balakhan'-Sabunchi-Ramany field. Azerb. neft. khos.  
39 no.11:9-13 N '60. (MIRA 13:12)  
(Apscheron Peninsula—Oil well logging, Radiation)

S/169/61/000/011/029/065  
D228/D304

AUTHORS: Aksel'rod, S.M., and Putkaradze, L.A.

TITLE: Applying radioactive methods of well investigation in  
the oil industry of the Azerbaydzhan SSR

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 11, 1961, 35,  
abstract 11A308 (V sb. Yadern. geofiz. pri poiskakh  
polezn. iskopayemykh, M., Gostoptekhnizdat, 1960, 21-36)

TEXT: Gamma-ray logging (GL) and neutron gamma-ray logging (NGL)  
are included in the rational complex of commercial-geophysical in-  
vestigations for all deposits. The high economic effect of the app-  
lication of GL in wells of the old stock is pointed out. The data  
of GL and NGL are used in complex interpretation together with  
those of electric logging for appraising the oil- and gas-content  
of beds and, mainly, for distinguishing gas-bearing beds amongst  
petroliferous strata, as well as for dissecting the profile. The  
application of NGL for determining the porosity is impeded by the  
high content of clayey material in rocks of the productive series.  
An inverse relation between GL readings and the porosity, for whose  
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Applying radioactive methods of ...

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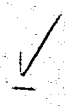
construction relative GL values and core data on the porosity were used, is noted in some formations. The curve's coefficient of correlation comprises 0.7. Similar relationships may be used only for separate horizons. The accuracy for determining the porosity from the data of GL does not exceed 25 - 30 %. The possibility of applying the method of neutron activation (NA) for sodium to strike off the position of water neutron logging (WNL) in strata with a stratal-water salinity of 70 - 120 g/l is established. The effect on WNL does not usually exceed 30 - 40 %. The influence of a number of well conditions on the striking off of WNL was experimentally investigated in models. It was shown that in water-filled holes of diameter 110 mm, with an unevenly cemented collar, the influence of the equipment's eccentricity does not exceed 3 - 3.5 %. The magnitude of the effect on WNL becomes greater when the salinity of a water-filled hole is increased. The moving of the device to the wall of the hole and the use of high- and low-speed counters somewhat increase the effectiveness of the WNL determination. NA is measured by low-speed counters in the interval between 15 and 22 hours after the end of the irradiation. A similar method is used, too, when

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fixing the degree of oil saturation for a bed. The counters show that there is little expediency in applying the NA of the short-life isotopes  $Al^{28}$  and  $Cl^{38}$  for striking off the WNL when the salinity of the stratal waters is low. The magnitude of the effect of  $Mn^{56}$  neutron activation in a bed having a porosity of 24 % - with a stratal-water salinity of 120 g/l in a hole of diameter 6 5/8 in. - is fixed at 30 - 38 % by modeling measurements. [Abstractor's note: Complete translation].



Card 3/3

AKSEL'ROD, S.M.; PUTKARADZE, L.A.

Calibration of apparatus used in radioactive logging. Razved. i  
prom. geofiz. no.38:112-114 '60. (MIRA 14:3)  
(Oil well logging, Radiation—Equipment and supplies)



PUTKARADZE L.A.

AKHIL'ROD, S.M.; PUTKARADZE, L.A.

Determining the absorption profile of injection wells by the  
activated suspension method. Azerb. neft. khoz. 36 no.10:10-11  
0 '57. (MIRA 11:2)

(Secondary recovery of oil)

PUTKARADZE, L.A.

PHASE I BOOK EXPLOITATION SOV/5592

Vsesoyuznoye soveshchaniye po vnedreniyu radioaktivnykh izotopov i yadernykh izlucheniyy v narodnom khozyaystve SSSR. Riga, 1960.

Radioaktivnyye izotopy i yadernyye izlucheniya v narodnom khozyaystve SSSR; trudy Vsesoyuznogo soveshchaniya 12 - 16 aprelya 1960 g. g. Riga, v 4 tomakh. t. 4: Poiski, razvedka i razrabotka poleznykh iskopayemykh (Radioactive Isotopes and Nuclear Radiation in the National Economy of the USSR; Transactions on the Symposium Held in Riga, April 12 - 16, 1960, in 4 volumes. v. 4: Prospecting, Surveying, and Mining of Mineral Deposits) Moscow, Gostoptekhnizdat, 1961. 284 p. 3,640 copies printed.

Sponsoring Agency: Gosudarstvennyy nauchno-tekhnicheskyy komitet Soveta Ministrov SSSR. Gosudarstvennyy komitet Soveta Ministrov SSSR po ispol'zovaniyu atomnoy energii

Eds. (Title page): N. A. Petrov, L. I. Petrenko, and P. S. Savitskiy; ed. of this volume: M. A. Speranskiy; Scientific ed.: M. A. Speranskiy; Executive Eds.: N. N. Kuz'mina and A. G. Ionel';

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Radioactive Isotopes and Nuclear (Cont.)

SOV/5592

Tech. Ed.: A. S. Polozina.

PURPOSE : The book is intended for engineers and technicians dealing with the problems involved in the application of radioactive isotopes and nuclear radiation.

COVERAGE: This collection of 33 articles is Vol. 4 of the Transactions of the All-Union Conference of the Introduction of Radioactive Isotopes and Nuclear Reactions in the National Economy of the USSR. The Conference was called by the Gosudarstvennyy nauchno-tekhnicheskiy komitet Sovet Ministrov SSSR (State Scientific-Technical Committee of the Council of Ministers of the USSR), Academy of Sciences USSR, Gosplan SSSR (State Planning Committee of the Council of Ministers of the USSR), Gosudarstvennyy komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroyeniyu (State Committee of the Council of Ministers of the USSR for Automation and Machine Building), and the Council of Ministers of the Latvian SSR. The reports summarized in this publication deal with the advantages, prospects, and

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Radioactive Isotopes and Nuclear (Cont.)

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development of radioactive methods used in prospecting, surveying, and mining of ores. Individual reports present the results of the latest scientific research on the development and improvement of the theory, methodology, and technology of radiometric investigations. Application of radioactive methods in the field of engineering geology, hydrology, and the control of ore enrichment processes is analyzed. No personalities are mentioned. There are no references.

TABLE OF CONTENTS:

Alekseyev, P. A. Present State and Future Prospects of Applying the Methods of Nuclear Geophysics in Prospecting, Surveying, and Mining of Minerals 5

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Radioactive Isotopes and Nuclear (Cont.)

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PUTKARADZE, N.M.

Some histochemical characteristics of the aortic wall in experimental atherosclerosis. Trudy Inst. klin. i eksper. kard., AN Gruz. SSR 8:147-150 '63. (MIRA 17:7)

1. Institut kardiologii AN GruzSSR, Tbilisi.

PUTKARADZE, N.M.

Study of some histochemical characteristics of the aortic wall  
in experimental atherosclerosis. Soob. AN Gruz. SSR 26 no.4:485-  
492 Ap '61. (MIRA 14:8)

1. Institut eksperimental'noy kardiologii imeni M.D.  
Tsinaridzgvriashvili AN GruzSSR, Tbilisi. Predstavleno chlenom-  
korrespondentom AN GruzSSR I. Ya. Tatishvili.  
(ARTERIOSCLEROSIS)

PUTKRADZE, N. M.

"Contributico a petude de entaines particularites histochemiques  
de l'aorte dans l'atherosclerose experimentale"

Report submitted for the fourth Intl. Congress of Angiology  
Prague, Czech, 3-9 Sep 61



PUTKARADZE, N.M.

Histochemical features of the glycogen of the aorta in experimental atherosclerosis. Soob. AN Gruz. SSR 25 no.1:91-97 J1 '60.  
(MIRA 13:10)

1. Akademiya nauk Gruzinskoy SSR, Institut klinicheskoy i eksperimental'noy kardiologii im. M.D. Tsinasgvarishvili, Tbilisi. Predstavleno chlenom-korrespondentom Akademii nauk Gruzinskoy SSR I. Ya. Tatishvili.  
(GLYCOGEN) (AORTA) (ARTERIOSCLEROSIS)

L 02133-67 EWT(m)/EWP(t)/ETI IJP(c) JD  
ACC NR: AP6035997 SOURCE CODE: UR/0251/66/042/001/0079/0084

AUTHOR: Putkaradze, N. V. and Manobashvili, Ye. M.

ORG: Institute of Inorganic Chemistry and Electrochemistry, AN Gruz SSR, Tbilisi  
(Institut neorganicheskoy khimii i elektrokhimii, AN Gruz SSR)

TITLE: synthesis and properties of some Germanium thiosalts. Preparation and study of the properties of alkaline metal thiogermanates

SOURCE: AN GRUZSSR. Soobshcheniya, v. 42, no. 1, 1966, 79-84

TOPIC TAGS: germanium compound, sulfur compound

ABSTRACT: The system  $\text{GeCl}_4\text{-Me}_2\text{S-HCl-H}_2\text{O}$  where  $\text{Me} = \text{Li, Na, K, Rb, or Cs}$ , was studied, and the optimal conditions for the formation of germanium disulfide were established. The system  $\text{GeS}_2\text{-Me}_2\text{S-H}_2\text{O}$  where  $\text{Me} = \text{Li, Na, K, Rb, or Cs}$ , was studied, and the optimal conditions for the formation of lithium, sodium, potassium, rubidium, and cesium thiogermanates were established. The phase transitions and adsorption bands were characterized, and the structure of the synthesized alkali metal thiogermanates was determined. The obtained germanium thiosalts are new and were not previously described. Being water soluble, they can be

the starting materials for the synthesis of the thiogermanates of a number of heavy metals. In addition, the alkali metal thiogermanates, possessing a number of valuable

Card 1/2 0922 0524

L 02133-67

ACC NR: AP6035997

properties, themselves can undoubtedly find practical application. This paper was presented by Academician R. I. Agladze on 25 May 1965. Orig. art. has: 6 figures and 1 table. /JPRS: 37,177/

TOPIC TAGS: germanium compound, sulfur compound

SUB CODE: 07 / SUBM DATE: 25 May 65 / ORIG REF: 006 / OTH REF: 002

Card 2/2 *fdh*

1. PUTKEVICH, I. G.
2. USSR (600)
4. Belts and Belting
7. Practice in the use of inclined flat belt drives. Masl. zhir. prom. 17, no. 7, 1952.

9. Monthly List of Russian Accessions, Library of Congress, ~~February~~ 1953. Unclassified.

PUTKO, Aleksandr Borisovich; SOROKO, Ya.I., red.

[Subdued virus; victory over poliomyelitis] Ukroshchennyi virus; pobeda nad poliomieliitom. Moskva, Izd-vo "Znanie," 1964. 46 p. (Novoe v zhizni, nauke, tekhnike. VIII Seriia: Biologiya i meditsina, no.9) (MIRA 17:6)

VERBITSKAYA, O.V.; PUT'KO, Yu.S.; SYSKOV, K.I.

Crushing of coal for coking. Koks i khim. no.1:18-21 '61.

(MIRA 14:1)

1. Institut goryuchikh iskopayemykh AN SSSR (for Verbitskaya, Put'ko). 2. Moskovskiy khimiko-tekhnologicheskii institut im. Mendeleyeva (for Syskov).

(Coal preparation)

PUTKOV, B. N.

Byuler, G. A., Sapozhnikov, A. I. and Putkov, B. N. "The investigation of the distribution of a potential along a strip with transverse internal fissure, around which a direct current is flowing," Trudy Sib. fiz.-tekhn. in-ta, Issue 26, 1948, p. 195-200

SO: U-5241, 17 December 1953, (Letopis 'Zhurnal 'nykh Statey, No. 26, 1949)

ACCESSION NR: AP4030790

S/0020/64/155/004/0900/0903

AUTHOR: Terenin, A. N. (Academician); Putseyko, Ye. K.; Akinov, I. A.; Meshkov, A. M.

TITLE: Effect of the state of aggregation of dyes on the photo-current carrier sign

SOURCE: AN SSSR. Doklady\*, v. 155, no. 4, 1964, 900-903

TOPIC TAGS: dye, brilliant green, crystal violet, malachite green, auramine, organic semiconductor

ABSTRACT: The spectral response of photo emf was plotted and the photocurrent and dark current carrier signs were determined for brilliant green, crystal violet, malachite green, and auramine dyes. The spectral response of photo emf and the photocurrent carrier sign was determined by the condenser and contact potential methods, and the dark current carrier sign, from the Seebeck effect. The samples used were in the following states of aggregation: amorphous deposits from ethanol solutions (and in some cases amorphous

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ACCESSION NR: AP4030790

sublimates) having a mirror-like surface (samples I), the above deposits treated with ethanol vapors (II), or microcrystalline precipitates (III) prepared by repeated recrystallization from ethanol. The following results were obtained: in air or in vacuum for I, the photocurrent and dark current carriers were electrons; in air and vacuum for II and III, the carriers were holes. Evidently, contact of the mirror-like films (I) with water or alcohol vapors causes them to undergo rapid recrystallization to a stable form, fine crystals (II), with carriers of opposite sign. Adsorption of polar gases and vapors on the dye can lead not only to a change in the form of aggregation, but to the formation of impurity levels, both in the bulk and on the surface of the dye film. In the case of compact mirror-like films (I), the role of the dye surface, which interacts with the surrounding atmosphere, is negligible in comparison with the role of the bulk of the sample. Therefore, the negative photocurrent carrier sign which is inherent to the dye is also preserved in air. In the case of minute crystals (II and III) in which the molecules of the dye are apparently less closely packed and whose specific surface is greater, molecules capable of trapping electrons can penetrate into the lattice.

Card 2/3

ACCESSION N R: AP4030790

As a result, microcrystalline layers exhibit hole conduction even in high vacuum. Orig. art. has: 4 figures.

ASSOCIATION: none

SUBMITTED: 06Dec63

DATE ACQ: 30Apr64

ENCL: 00

SUB CODE: CH,PH

NO REF SOV: 009

OTHER: 008

Card 3/3

POT'KOVSKAYA, S. S.

62 ✓ The determination of fuel losses from evaporation by direct comparison of samples. S. S. Put'kovskaya and N. I. Tikhonov. *Neftyanoe Khoz.* 33, No. 9, 78-82 (1955).— Evapn. loss of a sample of fuel oil which has been weathered is compared with the loss of a sample of the same oil which was stored under conditions preventing loss. The evapn. rate of the latter sample was found to be higher than that of the former. Curves are given for the Reid vapor pressure, the sp. gr., and the Engler distn. curve of the original unweathered sample and after evapn. losses of 10, 20, 30, and 40%; the distillation curve at 200 mm. Hg; and the vaporization losses at 95°. An app. for detg. evapn. losses is described. The method is found applicable to gasoline, kerosine, and wide fractions of fuel oils. W. M. Sternberg.

(1)

STEPANOVA, Z.S.; PUTKOVA, Ye.I.; BEDRINSKAYA, Ye.M.

Catalytic effect of metals and of their compounds on the oxidation of "Velosite" oil. Izv.vys.ucheb.sav.; tekhn.tekst.prom. no.6:127-132 '59. (MIRA 13:4)

1. Ivanovskiy energeticheskiy institut im. V.I.Lenina.  
(Lubrication and lubricants)  
(Spinning machinery--Maintenance and repair)

PUT'KOVSKAYA, S.S.; TIKHONOV, N.I.

Determining fuel evaporation loss by means of direct comparison of  
samples. Neft.khoz.33 no.9:78-82 S'55. (MLRA 8:12)  
(Evaporation) (Petroleum--Storage)

PUT'KOVSKAYA, S. S.

AID P - 3288

Subject : USSR/Chemistry

Card 1/1 Pub. 78 - 18/24

Authors : Put'kovskaya, S. S. and M. I. Tikhonov

Title : Computation of fuel losses due to evaporation by the method of direct comparison of samples

Periodical : Neft. khoz., v. 33, #9, 78-82, S 1955

Abstract : In a multi-compound fuel, the more volatile lighter fractions evaporate quicker than the heavier fractions. Gradually, this evaporation changes the fuel's physical and chemical characteristics, its specific gravity, vapor tension etc. By comparing those characteristics of the fuel investigated in its original stage and after a certain time of evaporation, the evaporation losses can be determined. This is the basis of an apparatus which is described in this article. Diagrams, charts, table, formulae.

Institution : None

Submitted : No date

PUTKOVSKIY, B.N.

22346-Putkovskiy, B.N. Tekuchest' Polimerov I Eye Izmereniye. Vysokomolekulyar.  
Soyedineniya. VYP. 9, 1949, S. 47-58.-Bibliogr: S. 57-58

SO: Letopis' No. 30 1949

PUTKOVSKIY, B. N.

22346. PUTKOVSKIY, B. N. Tekuchest' polimerov i eye izmereniye. Vysokomolekulyar. Soyedineniya, Vyp. 9, 1949, s. 47-58. Bibliogr. s. 57-58

SO: LETOPIS' No. 30, 1949



PUTLEY, E. H.

The Electrical Conductivity of Germanium. E.H. Putley (Proc. Phys. Soc., 1949 (A), 62, (5), 284-292.)

The electrical conductivity is determined from 90° to 950° K, and the results interpreted in terms of Shifrin's theory (J. Physics (U.S.S.R.), 1944, 8, 242, Met. Abs. 1945 12, 76). which enables the concentration of impurity centres, the position of their energy levels, and the concentration of conduction electrons to be determined. Observations of the sign of the thermoelectric power showed the charge carriers were negative.

J.S.G.T.

immediate source clipping

1.

M. A.

The Electrical Conductivity of Germanium. E. H. Putley (Proc. Phys. Soc., 1949, (A), 62, (5), 284-292).--The electrical conductivity is determined from 90° to 950° K. and the results interpreted in terms of Shifrin's theory (J. Physics (U.S.S.R.), 1944, 8, 242; Met. Abs., 1945, 12, 76), which enables the concentration of impurity centres, the position of their energy levels, and the concentration of conduction electrons to be determined. Observations of the sign of the thermoelectric power showed the charge carriers were negative.--J.S.G.T.

PUTLIN, I. I.

Astronomy

Estimating the number of asteroids in the solar system. Biul. VAGO, No. 10, 1951.

Monthly List of Russian Accessions, Library of Congress, May 1952. UNCLASSIFIED.

MOSHCHANSKIY, N.A., doktor tekhn. nauk, prof.; PUTLYAYEV, I.Ye., inzh.

Use of cementless concrete in industrial construction. Prom. stroi.  
43 no.9:4-6 '65. (MIRA 18:9)

1. Nauchno-issledovatel'skiy institut betona i zhelezobetona.

MOSHCHANSKIY, N.A., doktor tekhn.nauk, prof.; PUTINAYEV, I.Ye., inzh.

Installing chemically stable floors using polymers. Prom.  
stroi. 41 no.2:35-38 F '63. (MIRA 16:3)  
(Floors) (Polymers)

PUTNA, C.

Vanek, S. Discussion of broaching and broaches. p. 15.  
STROJIRENSKA VYROBA, Prague, Vol. 4, no. 1, Jan. 1956.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6,  
June 1956, Uncl.

LEKAREV, D.M., inzh.; PUTNAERGLIS, E.Ya., inzh.

Transistorized d.c. converter with 60 volt d.c. power supply. Vest.  
sviazi 23 no.12:7-8 D '63. (MIRA 17:2)

LEKAREV, D.M.; PUTNAERGLIS, E.Ya., inzh.

Two-way transistorized amplifier for telephone apparatus. Vest.  
svyazi 24 no.7:11-12 J1 '64. (MIRA 17:9)

1. Nachal'nik laboratorii Rizhskogo ekspluatatsionno-tekhnicheskogo  
uzla svyazi (for Lekarev). 2. Laboratoriya Rizhskogo ekspluatatsionno-  
tekhnicheskogo uzla svyazi (for Putnaerglis).



PASHKEVICHYUS, V.V.[Paškevičius, V.], inzh.; PUTNAYTE, I.I.[Putnaite, I.],  
inzh.

Using alkali sulfite cellulose in dyeing with vat dyes. Tekst.  
prom. 21 no.2:72-73 Ja '61. (MIRA 14:3)  
(Dyes and dyeing)

PUTNIK, B.

The geodesic service and urbanism. p. 31.  
(GEODETSKI LIST, Vol. 11, no. 1/2, Jan./Feb. 1957, Yugoslavia.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

PUTNIK, Borislav (Subotica); KOLAR, Ivan (Subotica)

Geodesic consolidations of arable land on socialist farms.  
Geod list 18 no.7/9:213-218 J1-S '64.

PUTNIK, Dusan

Diamond polishers; selection and application. Masinogradnja  
5 no.2:38-42 JI '62.

PUTNIK, D., prof. dr; MARTINIS, U., dr; JEREMIC, D., dr

Besnier-Boeck-Schaumann disease (report of 5 cases). Med.glasn.  
14 no.9:421-425 S '60.

1. Institut za tuberkulozu NR Srgije (Direktor: prof. dr M.Grujic)  
(SARCOIDOSIS case reports)

SIMIC, B.S.; SIMIC, A.; MARKOVIC, R.; KOVACEVIC, M.; RAKOVIC, V.;  
PUTNIK, D.; DIVANOVIC, B.; JOCIC, V.; ANICIC, M.

Diet, blood lipids and other indices of cardiovascular diseases  
in 3 regions of Serbia. Acta med. Jugosl. 18 no.3:185-203 '64.

1. Savezni zavod za zdravstvenu zastitu i Higijenski institut  
Medicinskog fakulteta u Beogradu.

PUTNIK, Djordje, doc. dr.

Roentgenological aspect of pulmonary changes limited to broncho-pulmonary segments. Tuberkuloza, Beogr. 6 no.2-3:95-106 Mar-June 54.

1. Institut za tuberkulozu NR Srbije (direktor doc. dr. M.Grujic)  
(LUNGS, dis.  
segmental lesions, x-ray)

AKSEL'ROD, S.M.; GADZHI-KASIMOV, A.S.; LISTENGARTEN, B.M.; PUTKARADZE, L.A.

Using the induced sodium activity method for determining the water-oil contact in the Balakhan'-Sabunchi-Ramany field (Oil Field Administration of the Lenin Petroleum Trust). Azerb.neft.khoz.  
38 no.11:11-12 N '59. (MIRA 13:5)  
(Apshehon Peninsula--Oil well logging, Radiation)



STOJSIC, M., doc. dr.; PUTNIK, Lj., dr.; KOSTIC, Z., dr.; MILISAVIJEVIC, M.,  
dr.; KAPIDZIC, M., dr.

Whooping cough in an infectious disease clinic in Sarajevo during the  
past 3 years. Med. arh. 16 no.3:35-48 My-Je '62.

1. Infektivna klinika Medicinskog fakulteta u Sarajevu (Sef: prof.  
dr Blagoje Dordevic).

(WHOOPING COUGH statist)

PUTNIK, D.; MARTINIS, U.

Remote results of prolonged therapy of chronic pulmonary tuberculosis with tuberculostatic drugs with special reference to the appearance of recurrences. Tuberkuloza, Beogr. 11 no.3:334-341 '59.

1. Institut za tuberkulozu NIS, Beograd, direktor: prof. dr. M. Grujic.  
(TUBERCULOSIS PULMONARY ther.)

VYMORKOV, Boris Mikhaylovich, inzh.; PUTNIK, Nikolay Petrovich, inzh.;  
PAKSHVER, V.B., kand.tekhn.nauk, retsenzent; GIRSHFEL'D, V.Ya.,  
red.; VORONIN, K.P., tekhn.red.

[Geothermal resources and their use in power engineering] Geo-  
termicheskie resursy i ikh energeticheskoe ispol'zovanie. Moskva,  
Gos.energ.izd-vo, 1960. 166 p. (MIRA 13:10)  
(Steam power plants)

POTNIK, D., Doc. dr.; MARTINIS, U., dr.

Primary atypical pneumonia; an analysis of 50 cases. Tuberkulosa,  
Beogr. 7 no.5-6:310-317 Sept-Dec 55.

1. Institut za tuberkulozu NR Srbije (direktor: prof. dr. M. Grujic)  
(PNEUMONIA, PRIMARY ATYPICAL, pathology,  
radiographic classif. of lobar & segmental  
localisations. (Ser))

PUTNIK, Dj., Doc., dr.; MARTINIS, U., dr.; IVANOVIC, M., dr.;  
MILOVANCEVIC, R., dr.

Results of long-term treatment of chronic pulmonary tuberculosis with antibacterial drugs; analysis of early results of continuous treatment for 4 to 12 or more months in 141 cases. Tuberkuloza, Beogr. 8 no.2:110-115 Mar-Apr 56.

1. Institut za tuberkulozu NRS (direktor: v. prof. dr. M. Grujic).  
(TUBERCULOSIS, PULMONARY, ther.  
chemother., early results of long-term ther. (Ser))

PUTNIK, Dj.; VANIC, D.

Bronchogenic carcinoma and pulmonary tuberculosis. Clinical picture and differential diagnosis. Tuberkuloza 17 no.1/2:97-103. Ja-Apr '65.

1. Institut za tuberkulozu SRS, Beograd (Direktor: prof. dr. Milic Grujic).

YUGOSLAVIA

PUTNIK, Prof. Dr. Djordje; and VUKIC, Dr. Dobrila, Institute for Tuberculosis  
of the Socialist Republic of Serbia (Institut za tuberkulozu SR Srbije)  
[Belgrade]

"Clinical Symptoms and Therapy of Pulmonary Mediastinal Localization of the  
Besnier-Boeck-Schaumann Disease"

Belgrade, Medicinski Glasnik, Vol 20, No 7, July 1966; pp 225-228

Abstract: Report of 5 patients treated in 1963 and 1964, all with prednisone  
30 mg/daily for 1 to 2-1/2 month cycles with 1 month interruption, and 25 mg  
ACTH every 3 to 12 days plus tuberculostatics. Good results. Five detailed  
case reports; 1 Yugoslav, 11 Western references.

1/1

PUTHIK, Dj. doc. dr.; GOLUBOVIC, V. dr.

Localisation of effusion in pleuritis with unusual toentgenological appearance. Tuberkuloza, Beogr. 6 no.4:183-193 July-Aug 54.

1. Institut za tuberkulozu N.P.Srbije (direktor: doc. dr. M.Grujic)  
(PLEURISY  
with effusion, x-ray)



SIBALIC, Stanimir M.; PUTNIK, Dusica R.

A rapid method for the determination of copper in serum and urine.  
Glas. hig. inst. 10 no.1/2:35-40 Ja-Je '61.

1. Higijenski institut NR Srbije Biohemijsko odeljenje.

(COPPER chem)

PUTNIK, Dorde, prof.dr.; MOGOROVIC, Branka, dr. (Beograd)

Treatment of pulmonary tuberculosis outside of hospitals. Med.  
glas. 17 no.8:293-296 Ag-S'63

S

PUTNIK, Dorde, Doc., dr.; VUCKOVIC-KALENIC, Ksenija, dr.

Examination of pleural exudates for Koch bacillus. Tuberkuloza,  
Beogr. 7 no.2-3:98-109 Mar-June 55.

1. Institut za tuberkulozu NR Srbije (direktor: doc. dr.  
M. Grujic).

(MYCOBACTERIUM TUBERCULOSIS,  
in pleural exudates, determ.)

(PLEURA,  
exudates, M. tuberc. in)

(EXUDATES AND TRANSUDATES,  
pleural exudates, M. tuberc. in)

25

ca

Nylon. J. Patai. *Chémie* (Prague) 3, 10-13(1947).  
P. presents roentgenograms of oriented and nonoriented  
mols. of polyhexamethyleneterebacamide and polyhexa-  
methylenadipamide in the temp. range 20-230°. From  
the sharpness of lines in the roentgenograms P. considers  
the preceding compds. as superpolyamides with chains  
linked similar to proteins but with linear chain mols.  
composed of segments which are not dependent upon each  
other and which behave as ordinary micromols. At higher  
temps. these segments begin to show some rotation and  
when they turn slowly (as when cooled at high temps.)  
they produce a fine crystal lattice indicating a recrystall.  
Frank Marzesh

ASD 514 METALLURGICAL LITERATURE CLASSIFICATION

RESEARCH

RESEARCH

C.A.

Preparation of adipic acid by catalytic oxidation of cyclohexanol. Josef Putnik. *Chem. Listy* 41, 135-6 (1947). —  
SeO<sub>2</sub> (0.1 g.) was added to 200 ml. HNO<sub>3</sub> (d. 1.535), the  
soln. heated to 52°, and 25 g. cyclohexanol was slowly  
added to yield 74% adipic acid. The yields with V<sub>2</sub>O<sub>5</sub> or  
41g() were 70 and 66%, resp. M. Hladický

PUTNIK, Ljubisa, inz.

Application of spatial aerotriangulation. Geod list  
17 no. 4/6:148-149 Ap-Je '63.

1. Zavod za fotogrametriju.

STOJSIC, M., dr. doc.; KOSTIC, Z., dr; PUTNIK, Lj., dr; VOLJEVICA, C., dr;  
BAROS, T., dr; MILISAVLJEVIC, D., dr; LJUBUNCIC, L., dr; TERZIC, N. dr;  
GOLUB, B., dr.

Enteroviral paralysis. Cases observed during 1960 in the Serajevo  
Infectious Hospital and in the infectious ward of the Mostar hospital.  
Med. glasn. 15 no.11:375-380 N '61.

(POLIOMYELITIS epidemiol)

YUGOSLAVIA

PUTNIK, Dr. Milan, Department of Oncology of the Medical Faculty, Surgical Department (Onkološki Institut Medicinskog Fakulteta Kirurško Odeljenje)  
Head (Glavnik) Prof. Dr. S. Simic, Belgrade

"Clinical Aspects of Malignant Skin Melanoma"

Belgrade, Medicinski Glasnik, Vol 20, No 7, July 1966; pp 229-233, 245

Abstract [English summary modified]: Seventy-five patients with histologically confirmed malignant melanoma of the skin, treated surgically in 1950-1965; detailed symptoms, 4 detailed case reports. Very poor course and prognosis were uniform. Twelve chest roentgenograms, 8 Western references.



*POTNIK, MILAN*

YUGOSLAVIA/Human and Animal Physiology - Internal Secretion.

V-7

Abs Jour : Ref Zhur - Biol., No 4, 1958, 18483

Author : Radivoje Popovich, Dragoslav Rosich, and Milan Putnik

Inst : -

Title : Sulfamides as Hypoglycemic Agents.

Orig Pub : Srpiski arkhiv tselok. lekar., 1957, 815, No 2, 211-227

Abstract : No abstract.

Card 1/1

POPCIC, Radivoje, Dr.; ROSIC, Draganoslav, Dr.; PUTNIK, Milan, Dr.

New cytostatic drug E-39. Med. glasnik. 11 no.5:191-194 May 57.

1. Interna klinika B Medicinskog fakulteta u Beogradu (Upravnik:  
prof. dr R Berovic) Srebrna bolnica u Vrbasu (Upravnik: dr D. Suvakovic)

(CYTOTOXIC DRUGS, ther. use

2,5-di-ethyleneimino-3, 6-dibromoxyquinone in neoplasms,  
indic. (Ser))

(QUINONES, ther. use,  
same)

(NEOPLASMS, ther.

2,5-di-ethyleneimino-3, 6,-dibromoxyquinone, indic. (Ser))

PUTNIK, MILAN

POPOVIC, Radivoje; PUTNIK, Milan; ROSIC, Dragoslav

Sensitization of malignant tissues & the effect of horse serums.  
Voj. san. pregl., Beogr. 14 no.6:341-347 June 57.

1. III i IV Interna klinika Medicinskog fakulteta u Beogradu.

(IMMUNE SERUMS, eff.

horse serum on sensitized malignant tissues (Ser))

(NEOPLASMS, immunol.

sensitization of malignant tissues by horse serum (Ser))

DANILOVIC, V.; BOGDANOVIC, M.; RUVIDIC, R.; STOJIMIROVIC, B.; PUTNIK, M.

Viral pneumonias. Higijena, Beogr. 11 no.2-3:127-133 '59.  
(PNEUMONIA virol.)